

Chapter IV—TYPE OF ORGANIZATION

GENERAL STATISTICS FOR ESTABLISHMENTS CLASSIFIED BY TYPE OF OPERATION AND LEGAL ORGANIZATION, BY MAJOR INDUSTRY GROUPS: 1947

[Money figures in thousands of dollars. Under "Type of operation," establishments are classified either as units in organizations comprising two or more manufacturing plants (multiunit) or as independent plants not operated as parts of such organizations (single unit). When, for reporting purposes, a manufacturing plant was divided into separate "establishments," the company was treated as a multiunit organization. If two or more manufacturing establishments under common ownership were self-operated in the sense that no top-level general office exercised control, the company was also classified as a multiunit organization. The following cases were treated as independents: (1) a company with one manufacturing establishment, no nonmanufacturing establishments, and an office physically separated from the plant; (2) a company with one manufacturing establishment and also one or more nonmanufacturing establishments; (3) a company with one manufacturing establishment but using two or more trade names. Under "Type of ownership or control," the unit is the individual manufacturing establishment, not the company as a whole. For this reason the statistics presented in this chapter cannot be compared directly with similar tabulations in which the whole corporation is the unit; for example, the statistics of income of corporations published by the Bureau of Internal Revenue, U. S. Treasury Department.]

INDUSTRY GROUP		All establishments	Type of operation						Type of ownership or control					
			Multiunit			Single unit			Corporate	Noncorporate				
			Total	Corporate ownership or control	Noncorporate ownership	Total	Corporate ownership or control	Noncorporate ownership		Total	Individual	Partnership	Other ¹	
No.	Title													
	All industries, total:													
	Number of establishments	240,881	35,213	29,566	5,647	205,668	88,572	117,066	118,138	122,743	69,519	50,787	2,437	
	All employees	14,294,304	8,007,535	7,830,591	176,944	6,286,769	5,025,708	1,261,061	12,856,299	1,438,005	585,514	757,140	95,351	
	Salaries and wages	39,689,527	22,784,244	22,396,394	387,850	16,905,283	14,178,241	2,727,042	36,574,635	3,114,892	1,183,808	1,686,684	244,400	
	Production workers	11,916,188	6,684,726	6,533,985	150,741	5,231,462	4,113,401	1,118,061	10,647,386	1,268,802	522,379	672,995	73,428	
	Production worker wages	30,242,343	17,785,404	17,491,636	293,828	12,456,879	10,143,821	2,313,058	27,635,457	2,606,886	1,000,983	1,432,287	173,616	
	Value added by manufacture	74,425,825	44,027,629	43,287,374	740,255	30,398,196	25,131,620	5,266,576	68,418,994	6,006,831	2,165,649	3,353,697	487,485	
20	Food and kindred products:													
	Number of establishments	39,933	9,443	8,016	1,427	30,490	11,445	19,045	19,461	20,472	10,802	8,227	1,443	
	All employees	1,441,847	799,799	769,332	30,467	642,048	460,587	181,461	1,229,919	211,928	79,956	103,693	28,279	
	Salaries and wages	3,789,387	2,147,943	2,084,596	63,347	1,641,444	1,272,768	368,676	3,357,364	432,023	154,476	211,595	65,952	
	Production workers	1,099,478	618,231	595,072	23,159	481,247	338,567	142,680	933,639	165,839	63,678	80,119	22,042	
	Production worker wages	2,572,190	1,518,863	1,474,562	44,301	1,053,327	784,798	268,529	2,259,360	312,830	115,563	150,374	46,893	
	Value added by manufacture	9,024,912	5,512,633	5,364,879	147,754	3,512,279	2,685,451	826,828	8,050,330	974,582	327,960	486,898	150,724	
21	Tobacco manufactures:													
	Number of establishments	1,086	231	211	20	855	194	681	405	681	546	132	3	
	All employees	111,782	89,449	87,996	1,453	22,333	17,495	4,838	105,491	6,291	3,113	3,139	39	
	Salaries and wages	205,838	168,844	166,444	2,400	36,994	30,862	6,132	197,306	8,532	3,819	4,659	54	
	Production workers	103,289	82,842	81,498	1,344	20,447	15,862	4,585	97,360	5,929	2,959	2,939	31	
	Production worker wages	175,318	146,396	144,304	2,092	28,922	23,334	5,588	167,638	7,680	3,495	4,149	36	
	Value added by manufacture	641,356	578,692	575,607	3,085	62,664	51,985	10,679	627,692	13,764	6,937	6,752	75	
22	Textile mill products:													
	Number of establishments	8,185	1,844	1,742	102	6,341	4,169	2,172	5,911	2,274	1,051	1,189	34	
	All employees	1,233,431	691,827	678,691	13,136	541,604	405,626	40,578	1,173,717	59,714	21,641	34,465	3,608	
	Salaries and wages	2,836,166	1,564,807	1,531,434	33,373	1,271,359	1,176,538	94,821	2,707,972	128,194	48,692	71,829	7,673	
	Production workers	1,147,194	646,313	634,637	11,626	500,881	457,466	43,425	1,092,143	55,051	19,477	32,171	3,403	
	Production worker wages	2,449,312	1,386,233	1,368,633	17,600	1,063,079	979,681	83,398	2,348,314	100,998	30,479	63,623	6,896	
	Value added by manufacture	5,340,876	3,030,678	2,971,566	59,112	2,310,198	2,131,911	178,287	5,103,477	237,399	82,732	130,684	14,983	
23	Apparel and related products:													
	Number of establishments	30,960	2,071	1,669	402	28,889	12,362	16,527	14,031	16,920	7,913	8,941	75	
	All employees	1,081,844	274,745	253,922	20,823	807,099	610,075	297,024	763,997	317,847	106,835	208,701	2,311	
	Salaries and wages	2,527,499	529,212	491,889	37,323	1,998,287	1,333,945	664,342	1,825,834	701,665	219,859	476,867	4,930	
	Production workers	972,897	252,067	232,560	19,507	720,830	442,470	278,360	675,030	297,867	101,181	194,525	2,161	
	Production worker wages	2,015,220	436,945	404,048	32,897	1,578,275	977,868	600,407	1,381,916	633,304	202,190	426,682	4,432	
	Value added by manufacture	4,443,373	979,659	914,322	65,337	3,463,714	2,311,625	1,152,089	3,225,947	1,217,426	350,208	857,078	10,140	
24	Lumber and products, except furn.:													
	Number of establishments	26,231	4,153	2,189	1,984	22,078	4,070	18,008	6,239	19,992	13,012	6,885	95	
	All employees	635,708	233,734	194,165	39,569	401,974	200,615	201,359	394,780	240,928	130,288	107,569	3,071	
	Salaries and wages	1,337,612	517,331	463,378	63,953	820,281	490,189	324,092	949,567	388,045	192,022	188,160	6,963	
	Production workers	596,118	218,812	180,553	38,259	377,306	181,414	195,892	361,967	234,151	127,521	103,752	2,878	
	Production worker wages	1,179,981	462,203	401,921	60,282	717,778	409,612	308,166	811,533	368,448	185,248	176,910	6,290	
	Value added by manufacture	2,497,192	1,006,392	883,551	122,841	1,490,800	878,786	612,014	1,762,337	734,855	346,987	375,535	12,333	
25	Furniture and fixtures:													
	Number of establishments	7,687	556	450	97	7,131	3,406	3,725	3,865	3,822	2,065	1,737	20	
	All employees	322,384	89,944	84,556	5,388	232,440	191,484	40,956	276,040	46,344	17,673	26,416	2,255	
	Salaries and wages	824,061	239,327	226,500	12,827	584,734	489,767	94,977	716,257	107,804	40,458	62,089	5,257	
	Production workers	282,780	78,689	73,890	4,799	204,091	166,878	37,213	240,768	42,012	16,008	23,959	2,045	
	Production worker wages	653,915	192,768	182,250	10,518	461,147	378,121	83,026	560,371	93,544	35,296	53,839	4,409	
	Value added by manufacture	1,377,908	433,063	414,943	18,120	944,845	781,823	163,022	1,196,766	181,142	65,588	109,489	6,065	
26	Paper and allied products:													
	Number of establishments	4,103	1,446	1,422	24	2,657	1,912	745	3,334	769	380	378	11	
	All employees	449,833	306,671	305,454	1,217	143,162	128,459	14,703	433,913	15,920	5,437	8,895	1,588	
	Salaries and wages	1,280,672	889,006	886,162	2,844	391,666	360,059	31,607	1,246,221	34,451	(d)	18,744	(d)	
	Production workers	388,901	267,843	266,811	1,032	121,058	107,783	13,275	374,594	14,307	4,883	7,975	1,449	
	Production worker wages	1,010,972	732,814	730,761	2,053	278,158	251,769	26,389	982,530	28,442	(d)	15,427	(d)	
	Value added by manufacture	2,874,958	2,094,202	2,089,432	4,770	780,756	716,477	64,279	2,805,909	69,049	(d)	37,305	(d)	
27	Printing and publishing industries:													
	Number of establishments	28,986	1,469	1,202	267	27,517	10,870	16,647	12,072	16,914	11,090	5,430	394	
	All employees	715,450	220,193	215,152	5,041	495,257	392,080	103,177	607,232	108,218	55,197	43,579	9,442	
	Salaries and wages	2,277,263	755,229	741,751	13,478	1,522,034	1,281,095	240,939	2,022,846	254,417	122,267	107,883	24,287	
	Production workers	438,135	131,819	128,380	3,439	306,316	235,046	71,270	363,426	74,709	38,798	31,088	4,823	
	Production worker wages	1,318,285	441,292	431,936	9,356	876,993	708,893	168,100	1,140,829	177,456	86,724	77,346	13,386	
	Value added by manufacture	4,269,416	1,453,114	1,425,838	27,270	2,816,302	2,309,982	506,320	3,735,820	533,596	247,220	238,387	47,989	

See footnotes at end of table.

GENERAL STATISTICS FOR ESTABLISHMENTS CLASSIFIED BY TYPE OF OPERATION AND LEGAL ORGANIZATION, BY MAJOR INDUSTRY GROUPS: 1947—Continued

No.	INDUSTRY GROUP Title	All establish- ments	Type of operation						Type of ownership or control				
			Multiunit			Single unit			Corporate	Noncorporate			
			Total	Corporate owner- ship or control	Non- corporate owner- ship	Total	Corporate owner- ship or control	Non- corporate owner- ship		Total	Indi- vidual	Partnership	Other ¹
28	Chemicals and allied products:												
	Number of establishments.....	10,073	3,026	2,858	168	7,047	4,667	2,380	7,525	2,548	1,436	1,038	74
	All employees.....	632,319	461,642	453,511	8,131	170,677	153,497	17,180	607,008	25,811	7,636	10,431	7,244
	Salaries and wages.....	1,910,463	1,397,972	1,375,706	22,176	512,401	471,213	41,278	1,847,009	63,454	17,030	26,498	19,026
	Production workers.....	466,458	348,061	341,779	6,282	118,397	105,285	13,112	447,064	19,394	5,924	7,734	5,736
	Production worker wages.....	1,242,628	960,183	944,095	16,488	282,445	254,584	27,881	1,199,259	43,869	11,440	17,601	14,419
	Value added by manufacture.....	5,365,201	4,066,811	4,014,447	52,364	1,298,390	1,172,465	125,895	5,186,942	178,250	46,240	85,560	46,459
29	Petroleum and coal products:												
	Number of establishments.....	1,387	651	614	37	736	535	201	1,149	238	116	100	13
	All employees.....	212,003	182,379	180,220	2,159	20,624	26,821	2,803	207,041	4,062	1,019	1,702	2,241
	Salaries and wages.....	739,345	641,873	635,180	6,693	97,472	89,537	7,935	724,717	14,628	2,667	5,070	6,891
	Production workers.....	169,610	146,939	145,044	1,895	22,671	20,370	2,292	166,423	4,187	829	1,946	1,946
	Production worker wages.....	550,365	487,553	481,864	5,689	68,812	62,518	6,294	544,482	11,083	2,060	4,058	5,865
	Value added by manufacture.....	2,015,307	1,699,712	1,681,412	18,300	315,595	290,064	25,531	1,971,476	43,831	8,889	17,857	17,085
30	Rubber products:												
	Number of establishments.....	875	185	180	5	690	473	217	653	222	132	87	3
	All employees.....	259,092	194,377	194,277	100	64,715	62,145	2,570	256,422	2,670	1,168	1,493	9
	Salaries and wages.....	783,464	601,163	600,979	184	182,301	170,000	6,301	776,979	6,485	2,652	3,797	36
	Production workers.....	214,533	160,338	160,258	80	54,195	51,980	2,215	212,238	2,295	1,005	1,283	7
	Production worker wages.....	614,782	477,875	477,740	135	136,887	131,876	5,011	609,616	5,146	2,118	2,999	29
	Value added by manufacture.....	1,302,863	985,609	985,305	304	317,254	305,589	11,605	1,290,894	11,969	4,367	7,495	107
31	Leather and leather products:												
	Number of establishments.....	5,308	709	647	62	4,599	2,515	2,084	3,162	2,146	1,132	906	18
	All employees.....	383,175	160,674	167,309	2,365	213,501	182,486	31,015	349,795	33,380	11,782	21,048	550
	Salaries and wages.....	873,660	365,850	361,204	4,565	507,707	445,241	62,466	806,535	67,031	23,433	42,381	1,217
	Production workers.....	348,629	157,407	155,236	2,171	191,122	162,538	28,584	317,774	30,755	10,703	19,450	503
	Production worker wages.....	725,143	325,499	321,415	4,084	399,644	345,158	54,486	666,573	58,570	20,136	37,404	1,030
	Value added by manufacture.....	1,532,803	672,823	662,791	10,032	859,980	741,525	118,455	1,404,316	128,487	42,790	83,265	2,432
32	Stone, clay, and glass products:												
	Number of establishments.....	11,650	1,685	1,520	135	9,965	3,468	6,497	4,988	6,662	3,744	2,860	52
	All employees.....	462,072	261,326	258,581	2,745	200,746	160,667	40,079	419,248	42,824	20,877	20,102	1,845
	Salaries and wages.....	1,210,768	717,455	711,729	5,726	493,313	413,731	79,582	1,125,460	85,308	41,111	39,908	4,289
	Production workers.....	405,755	228,452	226,002	2,450	177,303	140,300	37,003	366,302	39,453	19,368	18,427	1,668
	Production worker wages.....	994,884	597,833	592,845	4,988	397,051	325,655	71,396	918,500	76,384	36,955	35,764	3,665
	Value added by manufacture.....	2,306,480	1,462,993	1,452,400	10,497	843,487	690,734	152,753	2,143,230	163,250	74,976	81,782	6,492
33	Primary metal industries:												
	Number of establishments.....	5,363	1,314	1,261	53	4,040	2,357	1,692	3,618	1,745	878	840	18
	All employees.....	1,157,124	806,252	894,883	1,369	260,872	235,724	25,148	1,130,607	26,517	9,029	14,533	2,355
	Salaries and wages.....	3,594,548	2,790,908	2,787,449	3,459	803,640	737,711	65,929	3,525,160	69,388	24,430	38,924	6,034
	Production workers.....	1,010,055	780,838	779,597	1,241	229,217	206,026	23,191	985,623	24,432	8,910	13,301	2,221
	Production worker wages.....	2,976,607	2,328,599	2,325,594	3,005	647,908	580,064	58,844	2,914,658	61,849	22,134	34,148	5,567
	Value added by manufacture.....	5,765,434	4,507,472	4,501,774	5,698	1,257,992	1,141,211	116,751	5,642,985	122,449	39,903	68,393	14,153
34	Fabricated metal products:												
	Number of establishments.....	10,734	1,751	1,523	228	14,983	7,664	7,329	9,177	7,557	4,039	3,483	35
	All employees.....	971,461	462,846	457,805	5,041	508,615	437,056	71,559	894,861	70,000	30,784	44,703	1,113
	Salaries and wages.....	2,832,835	1,343,899	1,330,778	13,121	1,488,936	1,302,882	186,054	2,633,060	199,175	78,257	117,499	3,419
	Production workers.....	822,514	393,902	389,520	4,382	428,612	364,379	64,233	753,899	68,615	27,700	39,946	969
	Production worker wages.....	2,188,581	1,075,244	1,064,346	10,898	1,113,337	953,017	180,320	2,017,363	171,218	67,249	101,155	2,814
	Value added by manufacture.....	4,921,476	2,353,984	2,330,411	23,573	2,567,492	2,210,577	356,915	4,540,988	380,488	141,282	234,395	4,811
35	Machinery (except electrical):												
	Number of establishments.....	17,906	1,788	1,559	229	16,118	8,031	8,087	9,590	8,316	4,603	3,652	61
	All employees.....	1,645,323	830,883	826,300	4,583	714,440	639,491	74,949	1,465,791	79,532	33,516	43,623	2,393
	Salaries and wages.....	4,804,563	2,559,931	2,546,594	13,397	2,244,632	2,030,645	213,987	4,577,239	227,324	(d)	126,525	(d)
	Production workers.....	1,244,135	667,730	663,088	3,832	576,405	510,221	66,184	1,174,119	70,016	29,668	38,490	1,858
	Production worker wages.....	3,592,771	1,961,745	1,950,965	10,780	1,631,026	1,447,395	183,631	3,398,300	194,411	(d)	108,850	(d)
	Value added by manufacture.....	7,812,455	4,042,377	4,018,436	23,941	3,770,078	3,371,572	398,506	7,390,008	422,447	(d)	243,843	(d)
36	Electrical machinery:												
	Number of establishments.....	3,973	885	845	40	3,088	2,031	1,057	2,876	1,097	615	460	22
	All employees.....	801,359	590,942	565,769	25,173	210,417	197,297	13,120	763,066	38,293	5,956	7,590	24,747
	Salaries and wages.....	2,271,039	1,697,562	(d)	(d)	573,477	(d)	(d)	2,172,464	98,575	(d)	17,047	(d)
	Production workers.....	639,147	468,090	449,977	18,113	171,057	159,578	11,479	609,555	29,592	5,228	6,032	17,732
	Production worker wages.....	1,647,401	1,243,024	(d)	(d)	404,377	(d)	(d)	1,579,963	67,438	(d)	13,867	(d)
	Value added by manufacture.....	3,894,115	2,933,615	(d)	(d)	960,500	(d)	(d)	3,725,371	168,744	(d)	33,867	(d)
37	Transportation equipment:												
	Number of establishments.....	3,711	691	615	76	3,020	1,470	1,550	2,085	1,626	934	679	13
	All employees.....	1,181,080	955,133	952,555	2,578	226,547	207,285	19,262	1,159,840	21,840	8,959	11,668	1,213
	Salaries and wages.....	3,719,883	3,030,409	3,022,787	7,622	689,174	638,182	50,992	3,660,969	58,614	23,064	31,731	3,810
	Production workers.....	987,142	795,441	793,220	2,221	191,701	174,310	17,391	967,530	19,612	8,172	10,396	1,045
	Production worker wages.....	2,939,815	2,394,409	2,388,191	6,218	545,406	500,887	44,519	2,889,078	50,737	20,311	27,246	3,160
	Value added by manufacture.....	5,869,196	4,783,436	4,771,087	12,349	1,085,760	1,001,385	84,375	5,772,472	96,724	37,152	53,847	5,725
38	Instruments and related products:												
	Number of establishments.....	2,599	323	275	48	2,276	1,238	1,038	1,513	1,086	666	409	11
	All employees.....	231,997	136,878	135,775	1,103	95,119	84,631	10,488	220,406	11,591	5,835	5,298	458
	Salaries and wages.....	685,347	396,341	393,748	2,593	269,006	243,170	25,836	636,918	28,429	14,248	12,858	1,323
	Production workers.....	181,939	106,578	105,681	897	75,361	66,817	8,544	172,468	9,441	4,589	4,474	378
	Production worker wages.....	467,785	281,079	279,131	1,948	186,706	167,034	19,672	446,165	21,620	10,514	10,156	950
	Value added by manufacture.....	1,080,336	656,750	652,161	4,589	423,586	373,171	50,415	1,025,332	55,004	26,828	26,054	2,122
39	Miscellaneous manufactures:												
	Number of establishments.....	14,131	992	779	213	13,139	5,705	7,434	6,484	7,647	4,365	3,240	42
	All employees.....	464,420	158,841	154,338	4,503	305,579	242,787	62,792	397,125	67,295	28,213	38,492	590
	Salaries and wages.....	1,205,508	429,173	(d)	(d)	776,335	(d)	(d)	1,064,158	141,350	57,468	82,620	1,262
	Production workers.....	397,679	134,334	130,322	4,012	263,245	206,112	57,133	336,434	61,145	25,698	34,914	533
	Production worker wages.....	920,508	334,907	(d)	(d)	585,601	(d)	(d)	799,049	121,459	40,690	70,769	1,000
	Value added by manufacture.....	2,090,168	773,014	(d)	(d)	1,316,554	(d)	(d)	1,810,802	273,366	105,062	166,211	2,093

^d Withheld to avoid disclosing figures for individual companies.